

**ABSTRACT OF THE DISCLOSURE**

A modular electric motor for use in a wellbore. The modular motor includes a plurality of modular motor sections. The modular motor sections being mechanically and electrically coupleable. At least one modular motor section having a rotor. The rotor of  
5 one modular motor section having a rotor being drivingly coupleable to the rotor of a second modular motor section having a rotor. Thus, a given motor may be assembled to a variety of desired lengths by connecting the appropriate number of modular motor sections.